

## TEXTBOOK LIST

Department of Computer Science

Spring Semester 2005

12/16/04

College of Engineering &amp; Sciences

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\*\* ALWAYS order latest Edition unless otherwise specified

Course	Instructor	Section	Text Title	Author	ISBN **	Paper	Publisher	R/O
CpSc 101	Lowe	All	Objects First w/Java: A Practical Intro Using BLUEJ (2 <sup>nd</sup> Ed)	Barnes	0131249339	Y	PH	R
CpSc 102	Goddard	All	Data Structures & Other Objects Using Java (2 <sup>nd</sup> ed)	Main	0201740931	Y	AW	O
CpSc 104	Weaver	All	Karel the Robot: A Gentle Intro to the Art of Programming (2nd Ed)	Pattis	0471597252	Y	Wiley	R
CpSc 111	Malloy Lowe	All	C How to Program (4 <sup>th</sup> Ed)	Dietel	0131426443	Y	PH	R
CpSc 120	Hochrine Sherrod	All	Discovering Computers 2005: A gateway to information, introductory	Shelly	0619202181	Y		R
CpSc 161	Sterling	All	Microsoft Visual Basis. NET: RELOADED	Zak	061921287X	Y	Course Tech.	R
			Microsoft Visual Basic. NET: RELOADED Lab Manual	Zak	0619213620	Y	Course Tech.	R
CpSc 210	Lowe	All	Java Software Structures: Designing and Using Data Structures (2 <sup>nd</sup> Ed)	Lewis	0321245849	Y	AW	R
CpSc 212	Pargas	All	Data Structures & Algorithms Analysis in Java	Weiss	0201357542	Y	AW	R
CpSc 215	Westall	All	1) Pointers on C	Reek	0673999866	Y	AW	R
			2) Unix in a Nutshell: A Desktop Quick Ref for SVR4 and Solaris 7	Robbins	1565924274	Y	OReilly	R
			3) C++ Programmers Notebook	Keogh	0130887013	Y	PH	R
CpSc 220	C Pellerin Sterling	All	Microsoft Office Excel '03 Comprehensive	Grauer	0131434837	Y	Pren-Hall	R
			Microsoft Office Access '03 Comprehensive	Grauer	0131434780	Y	Pren-Hall	R
CpSc 231	Smotherman	All	SPARC Architecture, Assembly Lang. Programming, and C	Grauer	0130255963	Y	PH	R
CpSc 291 & 491	Jones	All	Ethics for the Information Age	Quinn	0321194349	Y	AW	R

CpSc 330	Smotherman	All	Computer Systems Design and Architecture (new 2 <sup>nd</sup> ed)	Heuring		Y	AW	R
CpSc 350	Jacobs	All	Theory of Computing: A Gentle Introduction	Kinber	0130279617	Y	PH	R
CpSc 360	Martin Weigle	All	Computer Networks & Internets	Comer	0131433512	Y	PH	R
			TCP/IP Sockets in C: Practical Guide for Programmers	Calvert	1558608265	Y	M-K	R
CpSc 371	ST Hedet	All	An Intro to Systems Analysis Techniques (2 <sup>nd</sup> Ed)	Lejk	0217976135	Y	AW	R
CpSc 372	McGregor	All	UML Distilled: A brief Guide to the Standard Object Modeling Lang. (3 <sup>rd</sup> ed)	Fowler	0321193687	Y	AW	R
			Software Engineering Processes: With the UPEDU	Robillard	0201754541	Y	AW	R
CpSc H395	Stevenson	All	No Text Required					
CpSc 405/605	Geist	All	Open GL Programming Guide: Official Guide to Learning OpenGL, Version 1.4 4 <sup>th</sup> Ed	Shreiner	0321173481	Yes	A/W	R
			Interactive Computer Graphics: A Top-Down Approach with OpenGL (3 <sup>rd</sup> Ed)	Angel	0201773430	Yes	A/W	R
CpSe 414/614	Duchowski	All	Course Cancelled					
CpSc 422/622	Madison	All	Operating Systems, 5/E	Stallings	0131479547	Yes	PH	R
CpSc 424/624	Harris	All	Unix System Admin Handbook	Nameth	0130206016	Y	PH	R
			Practical Unix & Internet Security (3 <sup>rd</sup> Ed)	Garfinkel	0596003234	Y	O'Reilly	O
CpSc 428/628	Stevenson	All	Programming Languages: Design & Implementation (4 <sup>th</sup> Ed)	Pratt	0130276782	Y	PH	R
CpSc 429/629	Grossman	All	Compilers, Principles, Techniques & Tools	Aho	0201100886	Y	AW	R
CpSc 462/662	A Pellerin	All						R
CpSc 463/663	Pargas	All	No Textbook Required					

CpSc 481/681	Duchowski	Sec 1	Mathematics for 3D Game Programming & Computer Graphics (2 <sup>nd</sup> Ed)	Lengyel	1584502770	Y	Chs River Media	R
	Malloy	Sec 2	No Text Required					
	Jacobs	Sec 3	SECTION 3 CANCELLED					
CpSc H495	Stevenson	All	No Text Required					R
CpSc 805	Davis	All	<b>All Optional Texts:</b> Realistic Ray Tracing An Intro to Ray Tracing Realistic Image Synthesis Using Photon Mapping Focus on Photon Mapping	Shirley Glassner Wann Marlon	1568811101 0122861604 1568811470 1592000088	Y Y Y Y	AK Peters Aca Press AK Peters Muska & Lipman (IPG)	○ ○ ○ ○
CpSc 808	Davis	All	<b>All Texts are Optional:</b> The Art of 3-D Computer Animation & Imaging Maya 5 Savvy Computer Animation: Expert Advice on Breaking into the Business Computer Animation: Algorithms & Techniques	Kerlow Lee Myers Parent	0471430366 0782142303 0966270967 0966270967	Y Y Y Y	Wiley Sybex Oak Cliff Morgan-K	○ ○ ○ ○
CpSc 822	Geist	All	Linux Kernel Development	Love	0672325128	Y	SAMS/PH	R
CpSc 824	Srimani	All	No Textbook Required					
CpSc 826	Martin	All	Internetworking with TCP/IP Vol.I: Principles, Protocols & Architecture (4 <sup>th</sup> ed)	Comer	0130183806	Y	PH	R
CpSc 828	Sitaraman	All	No Textbook Required					
CpSc 840	Goddard	All	No Textbook Required					
CpSc 859	ST Hedet	All	No Textbook Required					

CpSc 860	Kundert- Gibbs		No Textbook Required					
CpSc 862	Wang	All	Database Systems: The Complete Book	Garcia-Molina	0130319953	Y	PH	R
CpSc 863	Wang		No Textbook Required					
CpSc 872	Sitaraman		Instructor Notes Only - No Text Required					
CpSc 875	McGregor		Software Architecture in Practice (2 <sup>nd</sup> Ed)	Bass	0321154959	Y	AW	R
CpSc 881	Hallstrom	Sec 1	No Textbook Required					
	Westall	Sec 2	The Linux Networking Architecture	Wehrle	0131777203	Y	PH	R
	Stevenson	Sec 3	Introduction to the Personal Software Process	Humphery	0201548097	Y	AW	R